

**PROGRAMMATIC AGREEMENT BETWEEN WASHINGTON DEPARTMENT OF
TRANSPORTATION, WASHINGTON DEPARTMENT OF ECOLOGY AND
WASHINGTON DEPARTMENT OF FISH AND WILDLIFE FOR BRIDGE AND
FERRY TERMINAL MAINTENANCE AND PRESERVATION ACTIVITIES**

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*Note: These conditions are FINAL, except that we are waiting for completion of impact analysis and response from Ecology anticipated to be due October 6th that will contain final conditions that will apply to where the approved technology can be used based on in-stream flow rates or dilution factors. These conditions will only apply to sections B, C, F, and G of this Agreement.

AGENCY SIGNATURE BLOCK

- A. **BRIDGE AND FERRY TERMINAL DECK AND DRAIN CLEANING:** This work typically occurs annually or more frequently for bridge and ferry terminal safety and appearance and includes sweeping and/or vacuuming the deck, sidewalks gutters, and drains. Cleaned debris is collected and contained and placed at an approved disposal site. The only wash water that may enter state waters is direct drain flushing water after dry cleaning methods have been used in the drains. No work shall occur below the ordinary high water line (OHWL) or shall affect the bed of state waters.
1. **HAZARDOUS SPILL AND EROSION CONTROL:** Hazardous substance or material spill and soil erosion prevention and control shall comply with the Water Quality Implementing Agreement (WQIA) between WSDOT and Ecology.
 2. **FISH KILL/WATER QUALITY PROBLEM NOTIFICATION:** If at any time, as a result of project activities, fish are observed in distress, a fish kill occurs, or a water quality problem occurs, immediate notification shall be made to the regional offices of WDFW and Ecology in the attached telephone lists of regional offices.
 3. Measures shall be used to prevent damage to the vegetation in the riparian (streamside or shoreline) area located within 200 feet perpendicular to the water and adjacent to the structure. Within the riparian area existing parking lots and open managed fields and lots may be used for staging work.
 4. No work or equipment use shall occur below the ordinary high water line (OHWL) or shall affect the bed of state waters.
 5. Deck shall first be cleaned using dry methods and equipment (scraping, sweeping, vacuuming) that will prevent debris and substances from entering state waters. Examples of debris and substances include, but are not restricted to:
 - a. bird nests and associated fecal material
 - b. dirt, moss, sediments, and rust
 - c. old paint chips and residue
 - d. petroleum products
 - e. cement chips
 - f. construction materials
 - g. chemicals or any other toxic or deleterious substances
 6. If cleaned debris, substances, and/or deck wash water could enter state waters through deck drains, where practicable the drains shall be temporarily blocked to route water to the landward end(s) of the structure and onto vegetative areas.

7. Cleaned debris and substances from this project shall be collected and then contained and deposited above the limits of flood water or extreme high tide in a disposal site that has the appropriate regulatory approval. No debris and substances shall be placed in road drainages, wetlands, riparian (streamside or shoreline) areas, or on adjacent land where they may erode into state waters.
8. Washing shall be done with clean water. No detergents or other cleaning agents shall be used.
9. After dry cleaning methods have been completed debris accumulations remaining in the drains may be flushed with clean water.
10. No petroleum products, hydraulic fluids, chemicals, or any other polluting substances shall be allowed to enter state waters.

- B. BRIDGE CLEANING AND WASHING:** This work typically occurs annually or less frequently, is not involved with preparation for structure painting, and includes bridge cleaning and washing of the superstructure required to prevent metal and material deterioration. This work does not require a water filter structure. This work includes first dry cleaning using scraping, sweeping, and vacuuming methods and equipment. Cleaned debris is collected and contained and placed in an approved disposal site. Washing of the superstructure is done after dry cleaning with use of various types of washing equipment. The wash water may enter state waters. No work shall occur below the ordinary high water line (OHWL) or shall affect the bed of state waters.
1. **TIMING LIMITATIONS:** Work shall only occur during the following times and water conditions, to increase dilution of a potential concentration of sedimentation and associated pollutants in state waters:
 - a. West of the Cascade Mountain Crest: **November 1 to May 31.**
East of the Cascade Mountain Crest: **December 1 to June 30.**
 - b. Bridge washing work that will result in wash water entering state waters shall be restricted to when the bed of the water body under the part of the structure to be washed is covered with water.
 2. **NOTIFICATION:** The local Regional Habitat Program Manager (RHPM) in the attached list of WDFW regional offices shall be notified (letter or fax) at least three (3) working days prior to start of work. Notification shall include:
 - a. Agency name, contact person, and telephone number
 - b. Water body name
 - c. Bridge location, including road number, milepost, latitude, and longitude
 - d. Starting date and estimated ending date for work
 3. **ANNUAL REPORTING:** WSDOT shall submit to the WDFW Habitat Program, address 600 Capitol Way N. Olympia, WA 98501, a calendar year annual report of Bridge Cleaning and Washing work by January 31 of the following year. An annual report is also required if no work was conducted. The annual report shall include:
 - a. General: Reporting agency, contact person, address, telephone number, date of report, time period.
 - b. Summary: Total number of individual projects by region and statewide.
 - c. Problem(s) encountered: Provision violation, notification, corrective action, impacts to fish life and water quality from problem. If the Environmental Compliance Assurance Procedure (ECAP) was used, what activity triggered the procedure. *[these*

may be highlighted and specified in this section or included in the full list of projects completed below]

- d. Recommendations for improvement to BMPs and mitigation [optional]
 - e. List of individual projects completed: By region including water body name, bridge name, road number and milepost, latitude and longitude, date of work.
- 4. **HAZARDOUS SPILL AND EROSION CONTROL:** Hazardous substance or material spill and soil erosion prevention and control shall comply with the Water Quality Implementing Agreement (WQIA) between WSDOT and Ecology.
 - 5. **FISH KILL/WATER QUALITY PROBLEM NOTIFICATION:** If at any time, as a result of project activities, fish are observed in distress, a fish kill occurs, or a water quality problem occurs, immediate notification shall be made to the regional offices of WDFW and Ecology in the attached telephone lists of regional offices.
 - 6. Measures shall be used to prevent damage to the vegetation in the riparian (streamside or shoreline) area located within 200 feet perpendicular to the water and adjacent to the structure. Within the riparian area existing parking lots and open managed fields and lots may be used for staging work.
 - 7. No work or equipment use shall occur below the ordinary high water line (OHWL) or shall affect the bed of state waters.
 - 8. Bridge shall first be cleaned using dry methods and equipment (scraping, sweeping, vacuuming) that will prevent debris and substances from entering state waters, except residual grease may be removed by hand methods and degreaser on absorbent material, provided none of this material shall enter state waters. Examples of debris and substances include, but are not restricted to:
 - a. bird nests and fecal material
 - b. dirt, moss, sediments, and rust
 - c. old paint chips and residue
 - d. petroleum products
 - e. cement chips
 - f. construction materials
 - g. chemicals or any other toxic or deleterious substances
 - 9. If cleaned debris, substances, and/or wash water could enter state waters through deck drains, where practicable the drains shall be temporarily blocked to route water to the landward end(s) of the structure and onto vegetative areas.
 - 10. Cleaned debris and substances from this project shall be collected and then contained and deposited above the limits of flood water or extreme high tide in a disposal site that has

the appropriate regulatory approval. No debris and substances shall be placed in road drainages, wetlands, riparian (streamside or shoreline) areas, or on adjacent land where they may be eroded into state waters.

11. Washing shall be done with clean water. No detergents or other cleaning agents shall be used.
12. Washing shall occur with the minimum water pressure necessary to accomplish the work to prevent existing paint from being removed and entering state waters.
13. After dry cleaning methods have been completed debris accumulations remaining in the drains may be flushed with clean water.
14. No petroleum products, hydraulic fluids, chemicals, or any other polluting substances shall be allowed to enter state waters.

C. **BRIDGE PAINTING, INCLUDING PREPARATORY CLEANING, WASHING, AND ABRASIVE BLASTING:** This painting work typically occurs every 15-25 years and includes preparatory dry cleaning the superstructure to be painted using scraping, sweeping, and vacuuming methods and equipment. A debris and paint collection containment and water filter structure is required. Cleaned debris is collected and contained and placed at an approved disposal site. After dry leaning, washing of the superstructure to be painted is done with high pressure equipment followed by selective areas abrasive blasting. The filtered wash water may enter state waters. No work shall occur below the ordinary high water line (OHWL) or shall affect the bed of state waters, except it may include use of a temporary floating work platform.

1. **TIMING LIMITATIONS:**

a. Saltwater: If the bridge is less than fifty (50) feet in elevation above the water and the project includes a containment or filter structure or a temporary floating work platform that would result in temporary new area shading of eelgrass, kelp, and/or other intertidal wetland vascular plants longer than 72 hours, the shading part of the work shall only occur from **October 1 to April 30** of the following year, to prevent shading impacts to such saltwater vegetation habitat.

2. **NOTIFICATION:** The local Regional Habitat Program Manager (RHPM) in the attached list of WDFW regional offices shall be notified (letter or fax) at least three (3) working days prior to start of work. Notification shall include:

- a. Agency name, contact person, and telephone number
- b. Water body name
- c. Bridge location, including road number, milepost, latitude, and longitude
- b. Starting date and estimated ending date for work

3. **ANNUAL REPORTING:** WSDOT shall submit to the WDFW Habitat Program, address 600 Capitol Way N. Olympia, WA 98501, a calendar year annual report of Bridge Painting including Preparatory Cleaning, Washing, and Abrasive Blasting work by January 31 of the following year. An annual report is also required if no work was conducted. The annual report shall include:

- a. General: Reporting agency, contact person, address, telephone number, date of report, time period.
- b. Summary: Total number of individual projects by region and statewide.
- c. Problem(s) encountered: Provision violation, notification, corrective action, impacts to fish life and water quality. If the Environmental Compliance Assurance Procedure (ECAP) was used, what activity triggered the procedure. *[these may be highlighted*

- and specified in this section or included in the full list of projects completed below]*
- d. Recommendations for improvement to BMPs and mitigation [optional]
 - e. List of individual projects completed: By region including water body name, bridge name, road number and milepost, latitude and longitude, date of work.
4. HAZARDOUS SPILL AND EROSION CONTROL: Hazardous substance or material spill and soil erosion prevention and control shall comply with the Water Quality Implementing Agreement (WQIA) between WSDOT and Ecology.
 5. FISH KILL/WATER QUALITY PROBLEM NOTIFICATION: If at any time, as a result of project activities, fish are observed in distress, a fish kill occurs, or a water quality problem occurs, immediate notification shall be made to the regional offices of WDFW and Ecology in the attached telephone lists of regional offices.
 6. Measures shall be used to prevent damage to the vegetation in the riparian (streamside or shoreline) area located within 200 feet perpendicular to the water and adjacent to the structure. Within the riparian area existing parking lots and open managed fields and lots may be used for staging work.
 7. No work or equipment use shall occur below the ordinary high water line (OHWL) or shall affect the bed of state waters, except the use of a temporary floating work platform.
 8. No disturbance to the stream banks or shoreline shall occur when placing or removing a temporary floating work platform.
 9. Any temporary floating work platform shall not ground on the bed of state waters.
 10. No temporary floating work platform anchoring shall occur in freshwater that would disturb fish spawning areas or in saltwater that would disturb eelgrass, kelp, and/or other intertidal wetland vascular plants.
 11. Bridge shall first be cleaned using dry methods and equipment (scraping, sweeping, vacuuming) that will prevent debris and substances from entering state waters, except residual grease may be removed by hand methods and degreaser on absorbent material, provided none of this material shall enter state waters. Examples of debris and substances include, but are not restricted to:
 - a. bird nests and fecal material
 - b. dirt, moss, sediments, and rust
 - c. old paint chips and residue
 - d. blasting medium
 - e. petroleum products
 - f. cement chips
 - g. construction materials

- h. chemicals or any other toxic or deleterious substances
- 12. If cleaned debris, substances, and/or wash water could enter state waters through deck drains, where practicable the drains shall be temporarily blocked to route water to the landward end(s) of the structure and onto vegetative areas.
- 13. Wash water and debris resulting from pressure washing, including but not restricted to dirt and old paint chips, shall be filtered through a filter structure capable of collecting all such debris.
- 14. Work that would result in debris and substances entering state waters, including but not restricted to dirt, abrasive blasting medium, old paint chips, and new paint, shall include a containment structure capable of collecting all such debris and substances.
- 15. Debris and substances collected in the containment or filter structure shall be removed from the structure at least daily, whenever accumulations may place the structure at risk, and before its movement or removal.
- 16. Work shall not occur when weather conditions would place the containment or filter structure at risk and/or result in loss of containment or filtering of debris and substances.
- 17. Any containment or filter structure shall be routinely inspected and repaired as necessary to ensure its function.
- 18. Cleaned debris and substances from this project shall be collected and then contained and deposited above the limits of flood water or extreme high tide in a disposal site that has the appropriate regulatory approval. No debris and substances shall be placed in road drainages, wetlands, riparian (streamside and shoreline) areas, or on adjacent land where they may be eroded into state waters.
- 19. Washing shall be done with clean water. No detergents or other cleaning agents shall be used.
- 20. After dry cleaning methods have been completed debris accumulations remaining in the drains may be flushed with clean water.
- 21. No cleaning of any painting or other equipment or mixing or storing of paint and other polluting materials and substances shall be done over the water or in an area where a spill would result in these materials and substances entering state waters.
- 22. No petroleum products, hydraulic fluids, chemicals, or any other polluting substances shall be allowed to enter state waters.

D. BRIDGE GENERAL MAINTENANCE AND REPAIR: This work occurs as necessary to maintain the bridge function and includes maintenance, repair, or replacement of structure components above state waters in their existing configuration. This work may include cap replacement or stringer addition or replacement. This work does not include new construction, replacement or expansion of the existing structure within state waters or the flood plain; work that could result in bridge structural failure; release of grindings or toxic materials to state waters; work below the ordinary high water line (OHWL); or work that affects the bed of state waters; except it may include use of a temporary floating work platform.

1. **TIMING LIMITATIONS:**

a. **Saltwater:** If the structure is less than fifty (50) feet in elevation above the water and the project includes a containment or filter structure or a temporary floating work platform that would result in temporary new area shading of eelgrass, kelp, and/or other intertidal wetland vascular plants longer than 72 hours, the shading part of the work shall only occur from **October 1 to April 30** of the following year, to prevent shading impacts to such saltwater vegetation habitat.

2. **ANNUAL REPORTING:** WSDOT shall submit to the WDFW Habitat Program, address 600 Capitol Way N. Olympia, WA 98501, a calendar year annual report of Bridge General Maintenance and Repair work; including work outside the rails, under the bridge, structural maintenance and repair, cap replacement, stringer addition or replacement, and use of a temporary floating work platform; by January 31 of the following year. An annual report is also required if no work was conducted. The annual report shall include:

- a. General: Reporting agency, contact person, address, telephone number, date of report, time period.
- b. Summary: Total number of individual projects by region and statewide.
- c. Problem(s) encountered: Provision violation, notification, corrective action, impacts to fish life and water quality. If the Environmental Compliance Assurance Procedure (ECAP) was used, what activity triggered the procedure. *[these may be highlighted and specified in this section or included in the full list of projects completed below]*
- d. Recommendations for improvement to BMPs and mitigation *[optional]*
- e. List of individual projects completed: By region including water body name, bridge name, road number and milepost, latitude and longitude, date of work.

3. **HAZARDOUS SPILL AND EROSION CONTROL:** Hazardous substance or material spill and soil erosion prevention and control shall comply with the Water Quality Implementing Agreement (WQIA) between WSDOT and Ecology.

4. **FISH KILL/WATER QUALITY PROBLEM NOTIFICATION:** If at any time, as a result of project activities, fish are observed in distress, a fish kill occurs, or a water quality problem occurs, immediate notification shall be made to the regional offices of WDFW and Ecology in the attached telephone lists of regional offices.
5. Measures shall be used to prevent damage to the vegetation in the riparian (streamside or shoreline) area located within 200 feet perpendicular to the water and adjacent to the structure. Within the riparian area existing parking lots and open managed fields and lots may be used for staging work.
6. No work or equipment use shall occur below the ordinary high water line (OHWL) or shall affect the bed of state waters, except the use of a temporary floating work platform.
7. No disturbance to the stream banks or shoreline shall occur when placing or removing a temporary floating work platform.
8. Any temporary floating work platform shall not ground on the bed of state waters.
9. No temporary floating work platform anchoring shall occur in freshwater that would disturb fish spawning areas or in saltwater that would disturb eelgrass, kelp, and/or other intertidal wetland vascular plants.
10. Work that would result in debris and substances entering state waters shall include a containment structure capable of collecting all such debris and substances.
11. Debris and substances collected in the containment structure shall be removed from the structure at least daily, whenever accumulations may place the structure at risk, and before its movement or removal.
12. Cleaned debris and substances from this project shall be collected and then contained and deposited above the limits of flood water or extreme high tide in a disposal site that has the appropriate regulatory approval. No debris and substances shall be placed in road drainages, wetlands, riparian (streamside or shoreline) areas, or on adjacent land where they may be eroded into state waters.
13. Any containment structure shall be routinely inspected and repaired as necessary to ensure its function.
14. No cleaning of any equipment or mixing or storing of any polluting materials and substances shall be done over the water or in an area where a spill would result in these materials and substances entering state waters.

15. No petroleum products, hydraulic fluids, chemicals, or any other polluting substances shall be allowed to enter state waters.

E. **BRIDGE AND FERRY TERMINAL DECK OVERLAY REPLACEMENT:** This work includes removal and replacement of existing concrete or asphalt overlay of the deck road surface, gutters, and sidewalks only where a structurally sound subsurface exists that will prevent old or new overlay material from entering state waters. A debris, material, and substance collection containment structure is required only if any of these materials may enter state waters. This work shall not include debris, materials, or substances entering state waters; bridge or ferry terminal enlargement; replacement of stringers and/or other structural supports; work below the ordinary high water line (OHWL); or work that affects the bed of state waters.

1. **NOTIFICATION:** The local Regional Habitat Program Manager (RHPM) in the attached list of WDFW regional offices shall be notified (letter or fax) at least three (3) working days prior to start of work. Notification shall include:
 - a. Agency name, contact person, and telephone number
 - b. Water body name
 - c. Bridge location, including road number, milepost, latitude, and longitude; or ferry terminal location
 - d. Starting date and estimated ending date for work.
2. **ANNUAL REPORTING:** WSDOT shall submit to the WDFW Habitat Program, address 600 Capitol Way N. Olympia, WA 98501, a calendar year annual report of Bridge and Ferry Terminal Deck Overlay Replacement work by January 31 of the following year. An annual report is also required if no work was conducted. The annual report shall include:
 - a. General: Reporting agency, contact person, address, telephone number, date of report, time period.
 - d. Summary: Total number of individual projects by region and statewide.
 - e. Problem(s) encountered: Provision violation, notification, corrective action, impacts to fish life and water quality. If the Environmental Compliance Assurance Procedure (ECAP) was used, what activity triggered the procedure. *[these may be highlighted and specified in this section or included in the full list of projects completed below]*
 - d. Recommendations for improvement to BMPs and mitigation *[optional]*
 - e. List of individual projects completed: By region including water body name, bridge or ferry terminal name, road number and milepost, latitude and longitude, date of work..
3. **HAZARDOUS SPILL AND EROSION CONTROL:** Hazardous substance or material spill and soil erosion prevention and control shall comply with the Water Quality

Implementing Agreement (WQIA) between WSDOT and Ecology.

4. **FISH KILL/WATER QUALITY PROBLEM NOTIFICATION:** If at any time, as a result of project activities, fish are observed in distress, a fish kill occurs, or a water quality problem occurs, immediate notification shall be made to the regional offices of WDFW and Ecology in the attached telephone lists of regional offices.
5. Measures shall be used to prevent damage to the vegetation in the riparian (streamside or shoreline) area located within 200 feet perpendicular to the water and adjacent to the structure. Within the riparian area existing parking lots and open managed fields and lots may be used for staging work.
6. No work or equipment use shall occur below the ordinary high water line (OHWL) or shall affect the bed of state waters.
7. An existing structurally sound impervious subsurface shall be required to prevent old deck material and new surfacing material from entering state waters.
8. During physical or hydraulic removal of the old surface, the water and all removed debris and substances shall be fully contained to prevent them from entering state waters.
9. Bridge drains shall be blocked during old surface removal and new surface installation, to prevent water, debris, and substances from entering state waters.
10. Debris and substances collected in the containment structure shall be removed from the structure at least daily, whenever accumulations may place the structure at risk, and before its movement or removal.
11. Cleaned debris and substances from this project shall be collected and then contained and deposited above the limits of flood water or extreme high tide in a disposal site that has the appropriate regulatory approval. No debris and substances shall be placed in road drainages, wetlands, riparian (streamside or shoreline) areas, or on adjacent land where they may be eroded into state waters.
12. Any containment structure shall be routinely inspected and repaired as necessary to ensure its function.
13. No cleaning of any equipment or mixing or storing of any polluting materials and substances shall be done over the water or in an area where a spill would result in these materials and substances entering state waters.
14. New overlay material shall not be allowed to enter state waters.

15. No petroleum products, hydraulic fluids, chemicals, or any other polluting substances shall be allowed to enter state waters.

F. FERRY TERMINAL CLEANING, WASHING, AND MARINE GROWTH

REMOVAL: This work includes external ferry terminal general cleaning and washing of the superstructure and marine growth removal from the in-water parts of the structure required to prevent material deterioration. This work typically occurs annually or less frequently and is not involved with preparation for structure painting. This work does not require a water filter structure. This work includes dry cleaning the superstructure using scraping, sweeping, and vacuuming methods and equipment. Cleaned debris is collected and contained and placed at an approved disposal site. Washing of the superstructure is done after cleaning with use of various types of washing equipment. The wash water may enter state waters. No work shall occur below the ordinary high water line (OHWL) or shall affect the bed of state waters, except it may include use of a temporary floating work platform and marine growth removal.

1. TIMING LIMITATIONS:

- a. **WASH WATER DILUTION:** Ferry terminal washing work shall be restricted to when the depth of water under the part of the structure to be washed is **greater than five (5) feet at its shallowest part**, to increase dilution of a potential concentration of sedimentation and associated pollutants in state waters.
- b. **SALTWATER VEGETATION PROTECTION:** If the project would result in temporary new shading of eelgrass, kelp, and/or other intertidal wetland vascular plants longer than 72 hours, the work that produces the shadow shall only occur from **October 1 through April 30** of the following year, to prevent shading impacts to such saltwater vegetation habitat.
- c. **JUVENILE SALMONID MIGRATION PROTECTION:** If a temporary floating work platform is used shoreward of minus 10 feet (tidal reference MLLW=0.0 feet) and/or closer than 25 feet from the water's edge at any water level, the use of a temporary floating work platform in this area shall only occur from **July 1 through February 15** of the following year, for the protection of outmigrating juvenile salmonids.

2. NOTIFICATION FOR FLOATING WORK PLATFORM USE: If a temporary floating work platform with greater than 20 feet wide is used, the local Regional Habitat Program Manager (RHPM) in the attached list of WDFW regional offices shall be notified (letter or fax) at least three (3) working days prior to start of work. Notification shall include:

- a. Agency name, contact person, and telephone number
- b. Water body name
- c. Ferry terminal location

- d. Starting date and estimated ending date for work
3. **HAZARDOUS SPILL AND EROSION CONTROL:** Hazardous substance or material spill and soil erosion prevention and control shall comply with the Water Quality Implementing Agreement (WQIA) between WSDOT and Ecology.
 4. **FISH KILL/WATER QUALITY PROBLEM NOTIFICATION:** If at any time, as a result of project activities, fish are observed in distress, a fish kill occurs, or a water quality problem occurs, immediate notification shall be made to the regional offices of WDFW and Ecology in the attached telephone lists of regional offices.
 5. Measures shall be used to prevent damage to the vegetation in the riparian (streamside or shoreline) area located within 200 feet perpendicular to the water and adjacent to the structure. Within the riparian area existing parking lots and open managed fields and lots may be used for staging work.
 6. No work or equipment use shall occur below the ordinary high water line (OHWL)) or shall affect the bed of state waters, except the use of a temporary floating work platform and marine growth removal.
 7. No disturbance to the shoreline shall occur when placing or removing a temporary floating work platform.
 8. No temporary floating work platform anchoring or grounding shall occur in saltwater that would disturb eelgrass, kelp, and/or other intertidal wetland vascular plants.
 9. Ferry terminal shall first be cleaned using dry methods and equipment (scraping, sweeping, vacuuming) that will prevent debris and substances from entering state waters, except residual grease may be removed by hand methods and degreaser on absorbent material, provided none of this material shall enter state waters. Examples of debris and substances include, but are not restricted to:
 - a. bird nests and associated fecal material
 - b. dirt, moss, sediments, and rust
 - c. old paint chips and residue
 - d. petroleum products
 - e. cement chips
 - f. construction materials
 - g. chemicals or any other toxic or deleterious substances
 10. If cleaned debris, substances, and/or wash water could enter state waters through deck drains, where practicable the drains shall be temporarily blocked to route water to the landward end of the ferry terminal and onto vegetative areas.

11. Marine growth may be removed from the ferry terminal, provided for existing pilings and other wood structures treated with creosote and preservative chemicals, methods shall be used that will include nets, tarps, or other appropriate equipment to prevent such removed growth from falling on the sea bed as much as possible. Any removed growth that falls on the sea bed shall be collected from the sea bed as much as possible, if feasible.
12. Marine growth removal from creosote or any other treated wood shall be restricted to the use of methods and tools that will minimize removal of the creosote or treated wood fibers.
13. Cleaned debris, marine growth, and substances from this project shall be collected and then contained and deposited above the limits of extreme high tide in a disposal site that has the appropriate regulatory approval. No debris, marine growth, and substances shall be placed in road drainages, wetlands, riparian (shoreline) areas, or on adjacent land where they may be eroded into state waters.
14. Washing shall be done with clean water. No detergents or other cleaning agents shall be used.
15. Washing shall occur with the minimum water pressure to prevent existing paint from being removed and entering state waters.
16. After dry cleaning methods have been completed debris accumulations remaining in the drains may be flushed with clean water.
17. No petroleum products, hydraulic fluids, chemicals, or any other polluting substances shall be allowed to enter state waters.

G. FERRY TERMINAL PAINTING, INCLUDING PREPARATORY CLEANING, WASHING, ABRASIVE BLASTING, AND MARINE GROWTH REMOVAL: This painting work typically occurs every 15-25 years and includes dry cleaning and washing the external superstructure and marine growth removal from the in- water parts of the structure to be painted using scraping, sweeping, and vacuuming methods and equipment. A debris and paint collection containment and water filter structure is required. Cleaned debris is collected and contained and placed at an approved disposal site. After dry leaning, washing of the superstructure to be painted is done with high pressure equipment followed by selective areas abrasive blasting. The filtered wash water may enter state waters. No work shall occur below the ordinary high water line (OHWL) or shall affect the bed of state waters, except it may include use of a temporary floating work platform and marine growth removal.

1. **TIMING LIMITATIONS:**

- a. **WASH WATER DILUTION:** Ferry terminal washing work shall be restricted to when the depth of water under the part of the structure to be washed is **greater than five (5) feet at its shallowest part**, to increase dilution of a potential concentration of sedimentation and associated pollutants in state waters.
- b. **SALTWATER VEGETATION PROTECTION:** If the project would result in temporary new shading of eelgrass, kelp, and/or other intertidal wetland vascular plants longer than 72 hours, the work that produces the shadow shall only occur from **October 1 through April 30** of the following year, to prevent shading impacts to such saltwater vegetation habitat.
- c. **JUVENILE SALMONID MIGRATION PROTECTION:** If a temporary floating work platform is used shoreward of minus 10 feet (tidal reference MLLW=0.0 feet) and/or closer than 25 feet from the water's edge at any water level, the use of a temporary floating work platform in this area shall only occur from **July 1 through February 15** of the following year, for the protection of outmigrating juvenile salmonids.

2. **NOTIFICATION:** The local Regional Habitat Program Manager (RHPM) in the attached list of WDFW regional offices shall be notified (letter or fax) at least three (3) working days prior to start of work. Notification shall include:

- a. Agency name, contact person, and telephone number
- b. Water body name
- c. Ferry terminal location
- d. Starting date and estimated ending date for work

3. ANNUAL REPORTING: WSDOT shall submit to the WDFW Habitat Program, address 600 Capitol Way N. Olympia, WA 98501, a calendar year annual report of Ferry Terminal Painting including Preparatory Cleaning, Washing, and Abrasive Blasting work by January 31 of the following year. An annual report is also required if no work was conducted. The annual report shall include:
 - a. General: Reporting agency, contact person, address, telephone number, date of report, time period.
 - b. Summary: Total number of individual projects by region and statewide.
 - a. Problem(s) encountered: Provision violation, notification, corrective action, impacts to fish life and water quality. If the Environmental Compliance Assurance Procedure (ECAP) was used, what activity triggered the procedure. *[these may be highlighted and specified in this section or included in the full list of projects completed below]*
 - d. Recommendations for improvement to BMPs and mitigation *[optional]*
 - e. List of individual projects completed: By region including water body name, ferry terminal name, latitude and longitude, date of work.
4. HAZARDOUS SPILL AND EROSION CONTROL: Hazardous substance or material spill and soil erosion prevention and control shall comply with the Water Quality Implementing Agreement (WQIA) between WSDOT and Ecology.
5. FISH KILL/WATER QUALITY PROBLEM NOTIFICATION: If at any time, as a result of project activities, fish are observed in distress, a fish kill occurs, or a water quality problem occurs, immediate notification shall be made to the regional offices of WDFW and Ecology in the attached telephone lists of regional offices.
6. Measures shall be used to prevent damage to the vegetation in the riparian (streamside or shoreline) area located within 200 feet perpendicular to the water and adjacent to the structure. Within the riparian area existing parking lots and open managed fields and lots may be used for staging work.
7. No work or equipment use shall occur below the ordinary high water line (OHWL) or shall affect the bed of state waters, except the use of a temporary floating work platform and marine growth removal.
8. No disturbance to the shoreline shall occur when placing or removing a temporary floating work platform.
9. No temporary floating work platform anchoring or grounding shall occur in saltwater that would disturb eelgrass, kelp, and/or other intertidal wetland vascular plants.
10. Ferry terminal shall first be cleaned using dry methods and equipment (scraping, sweeping, vacuuming) that will prevent debris and substances from entering state waters,

except residual grease may be removed by hand methods and degreaser on absorbent material, provided none of this material shall enter state waters. Examples of debris and substances include, but are not restricted to:

- a. bird nests and associated fecal material
 - b. dirt, moss, sediments, and rust
 - c. old paint chips and residue
 - d. petroleum products
 - e. cement chips
 - f. construction materials
 - g. chemicals or any other toxic or deleterious substances
11. If cleaned debris, substances, and/or wash water could enter state waters through deck drains, where practicable the drains shall be temporarily blocked to route water to the landward end of the ferry terminal and onto vegetative areas.
 12. Work that would result in debris and substances entering state waters, including but not restricted to dirt, abrasive blasting medium, old paint chips, and new paint, shall include a containment structure capable of collecting all such debris and substances.
 13. Wash water and debris resulting from pressure washing, including but not restricted to dirt and old paint chips, shall be filtered through a filter structure capable of collecting all such debris.
 14. Debris and substances collected in the containment or filter structure shall be removed from the structure at least daily, whenever accumulations may place the structure at risk, and before its movement or removal.
 15. Work shall not occur when weather conditions would place the containment or filter structure at risk and/or result in loss of containment or filtering of debris and substances.
 16. Any containment or filter structure shall be routinely inspected and repaired as necessary to ensure its function.
 17. Marine growth may be removed from the ferry terminal, provided for existing pilings and other wood structures treated with creosote and preservative chemicals, methods shall be used that will include nets, tarps, or other appropriate equipment to prevent such removed growth from falling on the sea bed as much as possible. Any removed growth that falls on the sea bed shall be collected from the sea bed as much as possible, if feasible.
 18. Marine growth removal from creosote or any other treated wood shall be restricted to the use of hand tools and methods that will minimize removal of the creosote or treated wood fibers.

19. Cleaned debris, marine growth, and substances from this project shall be collected and then contained and deposited above the limits of extreme high tide in a disposal site that has the appropriate regulatory approval. No debris, marine growth, and substances shall be placed in road drainages, wetlands, riparian (shoreline) areas, or on adjacent land where they may be eroded into state waters.
20. Washing shall be done with clean water. No detergents or other cleaning agents shall be used.
21. After dry cleaning methods have been completed debris accumulations remaining in the drains may be flushed with clean water.
22. No cleaning of any painting or other equipment or mixing or storing of paint and other polluting materials and substances shall be done over the water or in an area where a spill would result in these materials and substances entering state waters.
23. No petroleum products, hydraulic fluids, chemicals, or any other polluting substances shall be allowed to enter state waters.

H. **FERRY TERMINAL GENERAL MAINTENANCE AND REPAIR:** This work occurs as needed and includes ferry terminal general maintenance and repair of external superstructures and other structures associated with operation of the facility in their existing location and configuration. This work usually occurs over water but may include in-water or intertidal sea bed work including diving, marine growth removal, structural bracing replacement, or use of a temporary floating work platform (barge, derrick, boat). Specific examples of work include, but are not restricted to, repair and replacement of wingwall rub timbers and polyethylene fender panels; wood, steel, and polyethylene dolphin panels and fenders; cross bracing; hanger bars; transfer spans; bolting and lashing associated with dolphins, wingwalls, and towers; anchor chain repair and replacement; counterweights and cables; cathodic protection anodes; and structures above the dock. A collection containment structure is required if any polluting debris, material, or substance may enter state waters. This work shall not include any penetration of the sea bed by excavation, boring, or pile driving; addition to or enlargement of any structure; work that could result in ferry terminal structural failure; and polluting debris, materials, or substance entering state waters.

1. **TIMING LIMITATIONS:**

- a. **SALTWATER VEGETATION PROTECTION:** If the project would result in temporary new shading of eelgrass, kelp, and/or other intertidal wetland vascular plants longer than 72 hours, the work that produces the shadow shall only occur from **October 1 through April 30** of the following year, to prevent shading impacts to such saltwater vegetation habitat.
- b. **JUVENILE SALMONID MIGRATION PROTECTION:** If a temporary floating work platform is used shoreward of minus 10 feet (tidal reference MLLW=0.0 feet) and/or closer than 50 feet from the water's edge at any water level, the use of a temporary floating work platform in this area shall only occur from **July 1 through February 15** of the following year, for the protection of outmigrating juvenile salmonids.

2. **NOTIFICATION FOR FLOATING WORK PLATFORM USE:** If a temporary floating work platform with greater than 20 feet wide is used, the local Regional Habitat Program Manager (RHPM) in the attached list of WDFW regional offices shall be notified (letter or fax) at least three (3) working days prior to start of work. Notification shall include:

- a. Agency name, contact person, and telephone number
- b. Water body name
- c. Ferry terminal location
- d. Starting date and estimated ending date for work

3. ANNUAL REPORTING: WSDOT shall submit to the WDFW Habitat Program, address 600 Capitol Way N. Olympia, WA 98501, a calendar year annual report of Ferry Terminal General Maintenance and Repair work that occurs below Mean Higher High Water (MHHW) and any use of a temporary floating work platform greater than 20 feet wide by January 31 of the following year. An annual report is also required if no work was conducted. The annual report shall include:
 - a. General: Reporting agency, contact person, address, telephone number, date
 - b. of report, time period.
 - c. Summary: Total number of individual projects by WSDOT region and statewide.
 - d. Problem(s) encountered: Provision violation, notification, corrective action, impacts to fish life and water quality. If the Environmental Compliance Assurance Procedure (ECAP) was used, what activity triggered the procedure. *[these may be highlighted and specified in this section or included in the full list of projects completed below]*
 - e. Recommendations for improvement to BMPs and mitigation *[optional]*
 - f. List of individual projects completed: By region including water body name, ferry terminal name, latitude and longitude, date of work.
4. HAZARDOUS SPILL AND EROSION CONTROL: Hazardous substance or material spill and soil erosion prevention and control shall comply with the Water Quality Implementing Agreement (WQIA) between WSDOT and Ecology.
5. FISH KILL NOTIFICATION: If at any time, as a result of project activities, fish are observed in distress or a fish kill occurs, operations shall cease and immediate notification shall be made to the regional offices of WDFW and Ecology in the attached telephone lists of regional offices. Work shall not resume until notice to proceed is given by WDFW. Additional approval may be required from Ecology.
6. Measures shall be used to prevent damage to the vegetation in the riparian (shoreline) area located within 200 feet perpendicular to the water and adjacent to the structure. Within the riparian area existing parking lots and open managed fields and lots may be used for staging work.
7. Geared mechanisms (wheels, tracks) of equipment shall not operate in the intertidal area.
8. This work shall not include any penetration of the sea bed by excavation, boring, or pile driving.
9. A temporary floating work platform may be used, provided no damage to the shoreline shall occur when placing or removing a temporary floating work platform.
10. No grounding of a temporary floating work platform greater than 20 feet wide shall occur.

11. No anchoring of a temporary floating work platform anchoring or grounding shall occur in saltwater that would disturb eelgrass, kelp, and/or other intertidal wetland vascular plants.
12. Work that would result in debris or substances entering state waters, including but not restricted to treated wood sawdust and cuttings, shall include a containment structure capable of collecting all such debris or substances.
13. If a containment structure cannot be used because of restricted or difficult location or type of structure, a containment boom shall be placed around the work area to capture debris and cuttings.
14. Cleaned debris or substances from any containment or boom structure shall be collected and then contained and deposited above the limits of extreme high tide in a disposal site that has the appropriate regulatory approval. No debris or substances shall be placed in road drainages, wetlands, riparian (shoreline) areas, or on adjacent land where they may be eroded into state waters.
15. Debris or substances collected in the containment or boom structure shall be removed from the structure at least daily, whenever accumulations may place the structure at risk, and before its movement or removal.
16. Any containment or boom structure shall be routinely inspected and repaired as necessary to ensure its function.
17. Marine growth may be removed from the ferry terminal, provided for existing pilings or other wood structures treated with creosote or preservative chemicals, containment methods shall be used that will include nets, tarps, or other appropriate equipment to prevent such removed growth from falling on the sea bed as much as possible. Any removed growth that falls on the sea bed shall be collected from the sea bed as much as possible, if feasible.
18. Marine growth removal from creosote or any other treated wood shall be restricted to the use of hydraulic suctioning or hand tools and methods that will minimize removal of the creosote or treated wood fibers.
19. No cleaning of any equipment or mixing or storing of any polluting materials or substances shall be done over the water or in an area where a spill would result in these materials and substances entering state waters.
20. The use of wood treated with creosote or pentachlorophenol is not authorized.

21. All treated wood to be used for these projects shall meet or exceed the most current standards established in, “Best Management Practices for the Use of Treated Wood in Aquatic Environments” developed by the Western Wood Preservers Institute. Certification that the wood material was produced according to these BMPs shall be presented upon request by WDFW or Ecology.
22. No petroleum products, hydraulic fluids, chemicals, or any other polluting substances shall be allowed to enter state waters.

WDFW CONTACT NUMBERS:

| | |
|-------------------------------|----------------|
| Region 1 - Spokane | (509) 456-4082 |
| Region 2 – Ephrata | (509) 754-4624 |
| Region 3 – Yakima | (509) 575-2740 |
| Region 4 – Mill Creek | (425) 775-1311 |
| Region 5 – Vancouver | (360) 906-6700 |
| Region 6 – Montesano | (360) 249-4628 |
| After hours/weekend statewide | (360) 902-2537 |

ECOLOGY CONTACT NUMBERS

| | |
|---|----------------|
| Central Region – Yakima | (509) 575-2490 |
| Northwest Region – Bellevue | (425) 649-7000 |
| Eastern Region – Spokane | (509) 456-2926 |
| Southwest Region – Lacey | (360) 407-6300 |
| After hours/weekend – use above numbers also. | |
| Office of Permit Assistance - Lacey | (360) 407-7037 |
| | (800) 917-0043 |